

10 MAY 2002

02 MAY 2002

Patent
Attorney's Docket No. 032005-130

034298-130

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
CRAGG et al.) Group Art Unit: Unassigned
Application No.: 10/069,107) Examiner: Unassigned
Intl Filing Date: September 25, 2000)
For: DEVICE AND METHOD FOR)
DETERMINING A DEPTH OF AN)
INCISION)

INFORMATION DISCLOSURE STATEMENT

BOX: PCT
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

U.S. PATENTS

| | | | |
|-----|-----------|---------------------|-----------|
| 1. | 581,235 | Kenyon | Apr. 1897 |
| 2. | 1,578,517 | Hein | Mar. 1926 |
| 3. | 2,086,580 | Shirley | Jul. 1937 |
| 4. | 2,465,357 | Correll | Mar. 1949 |
| 5. | 2,492,458 | Bering, Jr. | Dec. 1949 |
| 6. | 2,507,244 | Correll | May 1950 |
| 7. | 2,558,395 | Studer | Jun. 1951 |
| 8. | 2,597,011 | MacMasters, et al. | May 1952 |
| 9. | 2,680,442 | Linzmayr | Jun. 1954 |
| 10. | 2,761,446 | Reed | Sep. 1956 |
| 11. | 2,814,294 | Figge | Nov. 1957 |
| 12. | 2,824,092 | Thompson | Feb. 1959 |
| 13. | 2,899,362 | Sieger, Jr., et al. | Aug. 1959 |
| 14. | 3,157,524 | Artandi | Nov. 1964 |

Information Disclosure Statement

Application No. 10/069,107Attorney's Docket No. 032005-130-034298-
130

Page 2

| | | | |
|-----|-----------|----------------------|-----------|
| 15. | 3,724,465 | Duchane | Apr. 1973 |
| 16. | 4,000,741 | Binard, et al. | Jan. 1997 |
| 17. | 4,323,072 | Rosenbluth, et al. | Apr. 1982 |
| 18. | 4,340,066 | Shah | Jul. 1982 |
| 19. | 4,390,018 | Zukowski | Jun. 1983 |
| 20. | 4,515,637 | Cioca | May 1985 |
| 21. | 4,587,969 | Gillis | May 1986 |
| 22. | 4,588,395 | Lemelson | May 1986 |
| 23. | 4,619,261 | Guerriero | Oct. 1986 |
| 24. | 4,619,913 | Luck, et al. | Oct. 1986 |
| 25. | 4,645,488 | Matukas | Feb. 1987 |
| 26. | 4,744,364 | Kensey | May 1988 |
| 27. | 4,790,819 | Li, et al. | Dec. 1988 |
| 28. | 4,829,994 | Kurth | May 1989 |
| 29. | 4,850,960 | Grayzel | Jul. 1989 |
| 30. | 4,852,568 | Kensey | Aug. 1989 |
| 31. | 4,890,612 | Kensey | Jan. 1990 |
| 32. | 4,900,303 | Lemelson | Feb. 1990 |
| 33. | 4,929,246 | Sinofsky | May 1990 |
| 34. | 4,936,835 | Haaga | Jun. 1990 |
| 35. | 4,950,234 | Fujioka, et al. | Aug. 1990 |
| 36. | 5,007,895 | Burnett | Apr. 1991 |
| 37. | 5,021,059 | Kensey, et al. | Jun. 1991 |
| 38. | 5,053,046 | Janese | Oct. 1991 |
| 39. | 5,061,274 | Kensey | Oct. 1991 |
| 40. | 5,080,655 | Haaga | Jan. 1992 |
| 41. | 5,108,421 | Fowler | Apr. 1992 |
| 42. | 5,163,904 | Lampropoulos, et al. | Nov. 1992 |
| 43. | 5,167,624 | Butler, et al. | Dec. 1992 |
| 44. | 5,192,300 | Fowler | Mar. 1993 |

Information Disclosure Statement
Application No. 10/069,107
Attorney's Docket No. 032005-130
Page 3

| | | | |
|-----|-----------|-------------------|-----------|
| 45. | 5,192,301 | Kamiya, et al. | Mar. 1993 |
| 46. | 5,195,988 | Haaga | Mar. 1993 |
| 47. | 5,220,926 | Jones | Jun. 1993 |
| 48. | 5,221,259 | Weldon, et al. | Jun. 1993 |
| 49. | 5,275,616 | Fowler | Jan. 1994 |
| 50. | 5,310,407 | Casale | May 1994 |
| 51. | 5,325,857 | Nabai, et al. | Jul. 1994 |
| 52. | 5,334,216 | Vidal, et al. | Aug. 1994 |
| 53. | 5,366,480 | Corriveau, et al. | Nov. 1994 |
| 54. | 5,383,896 | Gershony, et al. | Jan. 1995 |
| 55. | 5,383,899 | Hammerslag | Jan. 1995 |
| 56. | 5,388,588 | Nabai, et al. | Feb. 1995 |
| 57. | 5,391,183 | Janzen, et al. | Feb. 1995 |
| 58. | 5,419,765 | Weldon, et al. | May 1995 |
| 59. | 5,431,639 | Shaw | Jul. 1995 |
| 60. | 5,437,631 | Janzen | Aug. 1995 |
| 61. | 5,467,780 | Nabai, et al. | Nov. 1995 |
| 62. | 5,478,352 | Fowler | Dec. 1995 |
| 63. | 5,479,936 | Nabai, et al. | Jan. 1996 |
| 64. | 5,486,195 | Myers, et al. | Jan. 1996 |
| 65. | 5,522,850 | Yomtov, et al. | Jun. 1996 |
| 66. | 5,526,822 | Burbank, et al. | Jun. 1996 |
| 67. | 5,529,577 | Hammerslag | Jun. 1996 |
| 68. | 5,540,715 | Katsaros, et al. | Jul. 1996 |
| 69. | 5,542,914 | Van Iten | Aug. 1996 |
| 70. | 5,545,178 | Kensey, et al. | Aug. 1996 |
| 71. | 5,558,853 | Quay | Sep. 1996 |
| 72. | 5,591,204 | Janzen, et al. | Jan. 1997 |
| 73. | 5,591,205 | Fowler | Jan. 1997 |
| 74. | 5,601,602 | Fowler | Feb. 1997 |

| | | | |
|-----|-----------|-------------------|------------|
| 75. | 5,645,566 | Brenneman, et al. | Jul. 1997 |
| 76. | 5,649,547 | Ritchart, et al. | Jul. 1997 |
| 77. | 5,653,730 | Hammerslag | Aug. 1997. |
| 78. | 5,665,107 | Hammerslag | Sep. 1997 |
| 79. | 5,676,689 | Kensey, et al. | Oct. 1997 |
| 80. | 5,681,279 | Roper, et al. | Oct. 1997 |
| 81. | 5,716,375 | Fowler | Feb. 1998 |
| 82. | 5,725,498 | Janzen, et al. | Mar. 1998 |
| 83. | 5,741,223 | Janzen, et al. | Apr. 1998 |
| 84. | 5,769,086 | Ritchart, et al. | Jun. 1998 |
| 85. | 5,775,333 | Burbank, et al. | Jul. 1998 |
| 86. | 5,810,806 | Ritchart, et al. | Sep. 1998 |
| 87. | 5,830,130 | Janzen, et al. | Nov. 1998 |
| 88. | 5,902,310 | Foerster, et al. | May 1999 |
| 89. | 6,007,563 | Nash, et al. | Dec. 1999 |
| 90. | 6,071,301 | Cragg, et al. | June 2000 |
| 91. | 6,162,192 | Cragg, et al. | Dec. 2000 |
| 92. | 6,315,753 | Cragg, et al. | Nov. 2001 |

FOREIGN PATENTS

| | | | |
|------|-------------|----------------|------------------------------|
| 93. | 1,509,023 | United Kingdom | Apr. 1978 |
| 94. | 1,569,660 | United Kingdom | Jun. 1980 |
| 95. | 782,814 | Russia | Nov. 1980 |
| 96. | 032,826 A2 | EPO | Jul. 1981 |
| 97. | 1,088,709 A | Russia | Apr. 1984 (with translation) |
| 98. | 2 641 692 | France | Jul. 1990 |
| 99. | 476,178 A1 | EPO | Mar. 1992 |
| 100. | 482,350 A2 | EPO | Apr. 1992 |
| 101. | WO 96/08208 | PCT | Mar. 1996 |
| 102. | WO 98/06346 | PCT | Feb. 1998 |

OTHER REFERENCES

103. David J. Allison, MD, et al., "Percutaneous Liver Biopsy and Track Embolization with Steel Coils," *Radiology*, **169**(1):261-263 (1988).
104. Vincent P. Chuang, MD, et al., "Sheath Needle for Liver Biopsy in High-Risk Patients," *Radiology*, **166**:261-262 (1988).
105. J.P.M. Foran, et al., "Early Mobilisation After Percutaneous Cardiac Catheterisation Using Collagen Plug (VasoSeal) Haemostasis," *Br. Heart J.*, **69**:424-429 (1993).
106. J.S.R. Gibbs, "Femoral Arterial Hemostasis Using a Collagen Plug After Coronary Artery Stent Implantation," *Journal of Interventional Cardiology*, **5**(2):85-88 (1992).
107. Ferdinand Kiemeneij, MD, et al., "Improved Anticoagulation Management After Palmaz Schatz Coronary Stent Implantation by Sealing the Arterial Puncture Site with a Vascular Hemostasis Device," *Catheterization and Cardiovascular Diagnosis*, **30**:317-322 (1993).
108. W.G. Kussmaul III, et al., "Rapid Arterial Hemostasis and Decreased Access Site Complications After Cardiac Catheterization and Angioplasty: Results of a Randomized Trial of a Novel Hemostatic Device," *Journal of the American College of Cardiology*, **25**(7):1685-1692 (1995).
109. Pharmacia & Upjohn Manufacturer Brochure, "*Gelfoam Sterile Sponge, Sterile Powder, and Sterile Film*," pgs. 1 - 34 (May 1997).
110. Pharmacia & Upjohn Manufacturer Brochure, "*Gelfoam Sterile Powder*," (Feb. 1996).
111. Pharmacia & Upjohn Manufacturer Brochure, "*Gelfoam Sterile Powder*,"

(March 1996).

112. Pharmacia & Upjohn Manufacturer Specification, "*Gelfoam Sterile Sponge, Sterile Powder, and Sterile Film*," pgs. 1 - 23 (November 1996).

113. Pharmacia & Upjohn Manufacturer Brochure for Gelfoam, 1996.

114. S.A. Riley, et al., "Percutaneous Liver Biopsy with Plugging of Needle Track: A Safe Method for use in Patients with Impaired Coagulation," *The Lancet*, pg. 436 (1984).

115. Timothy A. Sanborn, MD, et al., "Multicenter Randomized Trial Comparing a Percutaneous Collagen Hemostasis Device with Conventional Manual Compression After Diagnostic Angiography and Angioplasty," *Journal of American College of Cardiology*, **22(5)**:1273-1279 (1993).

116. Schrader, R., et al., "Collagen Application for Sealing of Arterial Puncture Sites in Comparison to Pressure Dressing: A Randomized Trial," *Catheterization and Cardiovascular Diagnosis*, **27(4)**:298-302 (1992).


117. Sigmund Silber, MD, FACC, "Rapid Hemostasis of Arterial Puncture Sites With Collagen in Patients Undergoing Diagnostic and Interventional Cardiac Catheterization," *Clinical Cardiology*, **20**:981-992 (1997).

118. Tony P. Smith, MD, et al., "Percutaneous Transhepatic Liver Biopsy with Tract Embolization," *Radiology*, **198**:769-774 (1996).

119. Marc Zins, MD, et al., "US-guided Percutaneous Liver Biopsy with Plugging of the Needle Track: A Prospective Study in 72 High-Risk Patients," *Radiology*, **184(3)**:841-843 (1992).

The Examiner's attention is directed to the following applications in compliance with §2001.06(b) of the Manual of Patent Examining Procedures. By identifying the copending applications, the assignee and/or applicants of the applications do not waive confidentiality of the applications. Accordingly, the United States Patent and Trademark Office is requested to maintain the confidentiality of the pending applications under 35 U.S.C. §122.

| <u>USSN</u> | <u>Filed</u> |
|-------------|------------------|
| 09/570,857 | May 12, 2000 |
| 09/613,439 | July 11, 2000 |
| 09/621,670 | July 24, 2000 |
| 09/687,590 | October 13, 2000 |
| 09/810,931 | March 16, 2001 |
| 09/859,682 | May 18, 2001 |

 In accordance with MPEP § 609(c)(2) (February 2000, page 600-107), the Office is requested to return a copy of this Information Disclosure Statement with the Examiner's initials adjacent to this paragraph indicating that this copending application has been considered.

The documents are being submitted within 3 months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore no fee or certification is required under 37 C.F.R. § 1.97(b).

This Information Disclosure Statement is not a representation that a search has been made. As to any reference, Applicants do not admit that is prior art and specifically reserve the right to antedate any reference pursuant to 37 C.F.R §§ 1.131, 1.608 and any other method.

To assist the Examiner, the listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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Kirk M. Nuzum
Registration No. 38,983

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(650)622-2300

Date: May 7, 2002

| INFORMATION DISCLOSURE CITATION PTO-1449 | | | | ATTORNEY'S DKT NO. 032005-130 032005-130 03298-130 | | APPLICATION NO. 10/069,107 | |
|---|------------|-----------|---------------------|--|----------|-------------------------------|----|
| | | | | APPLICANT CRAGG et al. | | | |
| | | | | INTL FILING DATE September 25, 2000 | | GROUP Unassigned | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER'S INITIALS | PATENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE | |
| | 581,235 | Apr. 1897 | Kenyon | | | | |
| | 1,578,517 | Mar. 1926 | Hein | | | | |
| | 2,086,580 | Jul. 1937 | Shirley | | | | |
| | 2,465,357 | Mar. 1949 | Correll | | | | |
| | 2,492,458 | Dec. 1949 | Bering, Jr. | | | | |
| | 2,507,244 | May 1950 | Correll | | | | |
| | 2,558,395 | Jun 1951 | Studer | | | | |
| | 2,597,011 | May 1952 | MacMasters, et al. | | | | |
| | 2,680,442 | Jun. 1954 | Linzmayr | | | | |
| | 2,761,446 | Sep. 1956 | Reed | | | | |
| | 2,814,294 | Nov 1957 | Figge | | | | |
| | 2,824,092 | Feb. 1959 | Thompson | | | | |
| | 2,899,362 | Aug 1959 | Sieger, Jr., et al. | | | | |
| | 3,157,524 | Nov 1964 | Artandi | | | | |
| | 3,724,465 | Apr 1973 | Duchane | | | | |
| | 4,000,741 | Jan 1977 | Binard, et al. | | | | |
| | 4,323,072 | Apr 1982 | Rosenbluth, et al. | | | | |
| | 4,340,066 | July 1982 | Shah | | | | |
| | 4,390,018 | Jun 1983 | Zukowski | | | | |
| | 4,515,637 | May 1985 | Cioca | | | | |
| | 4,587,969 | May 1986 | Gillis | | | | |
| | 4,588,395 | May 1986 | Lemelson | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| EXAMINER'S INITIALS | PATENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
| | | | | | | Yes | No |
| | | | | | | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | | | | | | | |
| EXAMINER | | | | DATE CONSIDERED | | | |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| INFORMATION DISCLOSURE CITATION PTO-1449 | | | | ATTORNEY'S DKT No. 032005-130 | | APPLICATION No. 10/069,107 | |
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| | | | | FILING DATE September 25, 2000 | | GROUP Unassigned | |
| | | | | | | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER'S INITIALS | PATENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE | |
| | 4,619,261 | Oct 1986 | Guerrero | | | | |
| | 4,619,913 | Oct 1986 | Luck, et al. | | | | |
| | 4,645,488 | Feb 1987 | Matukas | | | | |
| | 4,744,364 | May 1988 | Kensey | | | | |
| | 4,790,819 | Dec 1988 | Li, et al. | | | | |
| | 4,829,994 | May 1989 | Kurth | | | | |
| | 4,850,960 | July 1989 | Grayzel | | | | |
| | 4,852,568 | Aug 1989 | Kensey | | | | |
| | 4,890,612 | Jan 1990 | Kensey | | | | |
| | 4,900,303 | Feb 1990 | Lemelson | | | | |
| | 4,929,246 | May 1990 | Sinofsky | | | | |
| | 4,936,835 | Jun 1990 | Haaga | | | | |
| | 4,950,234 | Aug 1990 | Fujioka, et al. | | | | |
| | 5,007,895 | Apr 1991 | Burnett | | | | |
| | 5,021,059 | Jun 1991 | Kensey, et al. | | | | |
| | 5,053,046 | Oct 1991 | Janese | | | | |
| | 5,061,274 | Oct 1991 | Kensey | | | | |
| | 5,080,655 | Jan 1992 | Haaga | | | | |
| | 5,108,421 | Apr 1992 | Fowler | | | | |
| | 5,163,904 | Nov 1992 | Lampropoulos, et al. | | | | |
| | 5,167,624 | Dec 1992 | Butler, et al. | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| EXAMINER'S INITIALS | PATENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
| | | | | | | Yes | No |
| | | | | | | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | | | | | | | |
| EXAMINER | | | | DATE CONSIDERED | | | |

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|---|------------|----------|-------------------|---|----------|-------------------------------|----|
| | | | | APPLICANT CRAGG et al. | | | |
| | | | | FILING DATE September 25, 2000 | | GROUP Unassigned | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER'S INITIALS | PATENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE | |
| | 5,192,300 | Mar 1993 | Fowler | | | | |
| | 5,192,301 | Mar 1993 | Kamiya, et al. | | | | |
| | 5,195,988 | Mar 1993 | Haaga | | | | |
| | 5,220,926 | Jun 1993 | Jones | | | | |
| | 5,221,259 | Jun 1993 | Weldon, et al. | | | | |
| | 5,275,616 | Jan 1994 | Fowler | | | | |
| | 5,310,407 | May 1994 | Casale | | | | |
| | 5,325,857 | Jul 1994 | Nabai, et al. | | | | |
| | 5,334,216 | Aug 1994 | Vidal, et al. | | | | |
| | 5,366,480 | Nov 1994 | Corriveau, et al. | | | | |
| | 5,383,896 | Jan 1995 | Gershony, et al. | | | | |
| | 5,383,899 | Jan 1995 | Hammerslag | | | | |
| | 5,388,588 | Feb 1995 | Nabai, et al. | | | | |
| | 5,391,183 | Feb 1995 | Janzen, et al. | | | | |
| | 5,419,765 | May 1995 | Weldon, et al. | | | | |
| | 5,431,639 | Jul 1995 | Shaw | | | | |
| | 5,437,631 | Aug 1995 | Janzen | | | | |
| | 5,467,780 | Nov 1995 | Nabai, et al. | | | | |
| | 5,478,352 | Dec 1995 | Fowler | | | | |
| | 5,479,936 | Jan 1996 | Nabai, et al. | | | | |
| | 5,486,195 | Jan 1996 | Myers, et al. | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| EXAMINER'S INITIALS | PATENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
| | | | | | | Yes | No |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
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| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER'S INITIALS | PATENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE | |
| | 5,522,850 | Jun 1996 | Yomtov, et al. | | | | |
| | 5,526,822 | Jun 1996 | Burbank, et al. | | | | |
| | 5,529,577 | Jun 1996 | Hammerslag | | | | |
| | 5,540,715 | Jul 1996 | Katsaros, et al. | | | | |
| | 5,542,914 | Aug 1996 | Van Iten | | | | |
| | 5,545,178 | Aug 1996 | Kensey, et al. | | | | |
| | 5,558,853 | Sep 1996 | Quay | | | | |
| | 5,591,204 | Jan 1997 | Janzen, et al. | | | | |
| | 5,591,205 | Jan 1997 | Fowler | | | | |
| | 5,601,602 | Feb 1997 | Fowler | | | | |
| | 5,645,566 | Jul 1997 | Brenneman, et al. | | | | |
| | 5,649,547 | Jul 1997 | Ritchart, et al. | | | | |
| | 5,653,730 | Aug 1997 | Hammerslag | | | | |
| | 5,665,107 | Sep 1997 | Hammerslag | | | | |
| | 5,676,689 | Oct 1997 | Kensey, et al. | | | | |
| | 5,681,279 | Oct 1997 | Roper, et al. | | | | |
| | 5,716,375 | Feb 1998 | Fowler | | | | |
| | 5,725,498 | Mar 1998 | Janzen, et al. | | | | |
| | 5,741,223 | Apr 1998 | Janzen, et al. | | | | |
| | 5,769,086 | Jun 1998 | Ritchart, et al. | | | | |
| | 5,775,333 | Jul 1998 | Burbank, et al. | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| EXAMINER'S INITIALS | PATENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | | | | | | | |
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| | | | | | | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER'S INITIALS | PATENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE | |
| | 5,810,806 | Sep 1998 | Ritchart, et al. | | | | |
| | 5,830,130 | Nov 1998 | Janzen, et al. | | | | |
| | 5,902,310 | May 1999 | Foerster, et al. | | | | |
| | 6,007,563 | Dec 1999 | Nash, et al. | | | | |
| | 6,071,301 | Jun 2000 | Cragg, et al. | | | | |
| | 6,162,192 | Dec 2000 | Cragg, et al. | | | | |
| | 6,315,753 | Nov 2001 | Cragg, et al. | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| EXAMINER'S INITIALS | PATENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
| | | | | | | Yes | No |
| | 1,509,023 | Apr 1978 | United Kingdom | | | | |
| | 1,569,660 | Jun 1980 | United Kingdom | | | | |
| | 782,814 | Nov 1980 | Russia | | | | |
| | 032,826 A2 | Jul 1981 | EPO | | | | |
| | 1,088,709 A | Apr 1984 | Russia | | | X | |
| | 2 641 692 | Jul 1990 | France | | | | |
| | 476,178 A1 | Mar 1992 | EPO | | | | |
| | 482,350 A2 | Apr 1992 | EPO | | | | |
| | WO 96/08208 | Mar 1996 | PCT | | | | |
| | WO 98/06346 | Feb 1998 | PCT | | | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | David J. Allison, M.D., et al., "Percutaneous Liver Biopsy and Track Embolization with Steel Coils," <i>Radiology</i> , 169(1):261-263 (1988). | | | | | | |
| | Vincent P. Chuang, M.D., et al., "Sheath Needle for Liver Biopsy in High-Risk Patients," <i>Radiology</i> , 166:261-262 (1988) | | | | | | |
| | J.P.M. Foran, et al., "Early Mobilisation After Percutaneous Cardiac Catheterisation Using Collagen Plug (VasoSeal) Haemostasis," <i>Br Heart</i> , vol. 69 (1993) pgs. 424 - 429. | | | | | | |
| | JSR Gibbs, "Femoral Arterial Hemostasis," <i>Journal of Interventional Cardiology</i> , v 5 (1992) pp 85 - 88 | | | | | | |
| EXAMINER | | | | DATE CONSIDERED | | | |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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| INFORMATION DISCLOSURE CITATION PTO-1449 | | | | ATTORNEY'S DKT NO. 032005-130 | | APPLICATION NO. 10/069,107 | |
| | | | | APPLICANT CRAGG et al. | | | |
| | | | | FILING DATE September 25, 2000 | | GROUP Unassigned | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER'S INITIALS | PATENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
| EXAMINER'S INITIALS | PATENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
| | | | | | | Yes | No |
| | | | | | | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | Ferdinand Kiemeneij, MD, et al., "Improved Anticoagulation Management After Palmaz Schatz Coronary Stent Implantation by Sealing the Arterial Puncture Site With a Vascular Hemostasis Device," <i>Catheterization and Cardiovascular Diagnosis</i> , 30:317-322 (1993). | | | | | | |
| | W.G. Kussmaul, "Rapid Arterial Hemostasis," Journal of the American College of Cardiology, vol. 25 (1995) pgs. 1685 - 1692. | | | | | | |
| | Pharmacia & Upjohn Manufacturer Brochure, "Gelfoam Sterile Sponge, Sterile Powder, and Sterile Film," (May 1997): pgs. 1 - 34. | | | | | | |
| | Pharmacia & Upjohn Manufacturer Brochure, "Gelfoam Sterile Powder," (Feb. 1996). | | | | | | |
| | Pharmacia & Upjohn Manufacturer Brochure, "Gelfoam Sterile Powder," (March 1996). | | | | | | |
| | Pharmacia & Upjohn Manufacturer Specification, "Gelfoam Sterile Sponge, Sterile Powder, and Sterile Film," (November 1996): pgs. 1 - 23. | | | | | | |
| | Pharmacia & Upjohn Manufacturer Brochure for Gelfoam, 1996. | | | | | | |
| | S.A. Riley, et al., "Percutaneous Liver Biopsy with Plugging of Needle Track: A Safe Method for Use in Patients with Impaired Coagulation," <i>The Lancet</i> , pg. 436 (1984). | | | | | | |
| | Timothy A. Sanborn, MD, et al., "Multicenter Randomized Trial Comparing a Percutaneous Collagen Hemostasis Device With Conventional Manual Compression After Diagnostic Angiography and Angioplasty," Journal of American College of Cardiology, vol. 22, No. 5 (1993) pp. 1273 - 1279. | | | | | | |
| | Schrader, R., "Collagen Application," <i>Catheterization and Cardiovascular Diagnosis</i> , (1992) pp. 298 - 302. | | | | | | |
| | Sigmund Silber, M.D., FACC, "Rapid Hemostasis of Arterial Puncture Sites with Collagen in Patients Undergoing Diagnostic and Interventional Cardiac Catheterization," <i>Clinical Cardiology</i> , 20:981-992 (1997) | | | | | | |
| | Tony P. Smith, M.D., et al., "Percutaneous Transhepatic Liver Biopsy with Tract Embolization," <i>Radiology</i> , 198:769-774 (1996). | | | | | | |
| | Marc Zins, M.D., et al., "US-guided Percutaneous Liver Biopsy with Plugging of the Needle Track: A Prospective Study in 72 High-Risk Patients," <i>Radiology</i> , 184(3):841-843 (1992) | | | | | | |
| EXAMINER | | | | DATE CONSIDERED | | | |

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